Patent and

RECO T 101407746 To the Honorable Director of Patents and Trademarks. Please record the attached original documents or copy thereof. 1. Name of Conveying Party(ies): 2. Name and address of receiving party(ies): Paul F. Ringseth, Jonathan E. Caves and Jason J. Shirk Additional name(s) of conveying party(ies) attached?

YES

NO Name: Microsoft Corporation 3. Nature of Conveyance: Internal Address: **◯** Assignment Merger Security Agreement Change of Name Other Street Address: One Microsoft Way Execution Date: July 5, 2000 City Redmond WA ZIP State 98052 Additional name(s) & address(es) attached? [Yes No 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: July 5, 2000 A. Patent Application No.(s) B. Patent No.(s) Additional numbers attached? \(\subseteq \text{Yes} \subseteq \text{No} \) 6. Total number of applications and patents involved: 1 5. Name and address of party to whom correspondence concerning document should be mailed: Name: Kyle B. Rinehart Klarquist Sparkman Campbell Leigh & Whinston, LLP 7. Total fee (37 C.F.R. § 3.41): \$40.00 Enclosed Internal Address: One World Trade Center, Suite 1600 8. Any deficiency/overpayment is authorized to be Street Address: charged to deposit account 02-4550 121 S.W. Salmon Street City Portland State Oregon ZIP 97204-2988 DO NOT USE THIS SPACE 9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. July 6, 2000 Kyle B. Rinehart Date Name of Person Signing Total number of pages including cover sheet, attachments and document: 4 17/2000 BOLEXOND 080000041096516034/94) FC:581 40.00 DP

KBR:eb 7/5/00 3382-56062 M\$ M\$ 147268.1

Express Mailing No. EL121365517US

ASSIGNMENT

WHEREAS, we, Paul F. Ringseth, Jonathan E. Caves, and Jason J. Shirk (hereinafter referred to as ASSIGNORS), having post office addresses of 8716 142nd Avenue N.E., Redmond, Washington 98052, 6083 167th Avenue S.E., Bellevue, Washington 98006, and 18726 N.E. 159th Street, Woodinville, Washington 98072, respectively, are the joint inventors of an invention entitled UNIFICATION OF A PROGRAMMING LANGUAGE AND A DEFINITION LANGUAGE, as described and claimed in the specification forming part of an application for United States letters patent executed herewith;

WHEREAS Microsoft Corporation (hereinafter referred to as ASSIGNEE), a corporation of the State of Washington having a place of business at One Microsoft Way, Redmond, WA 98052, is desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefor in the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign and transfer unto said ASSIGNEE, the entire right, title and interest in and to said invention, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by

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ASSIGNORS had this assignment, transfer and sale not been made. ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNORS agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefor.

Executed at the place and date opposite our respective signatures below.

on this 5 day of

STATE OF WASHINGTON

COUNTY OF KING

This \(\) day of \(\) before me personally came the above-named Paul F. Ringseth, who executed the foregoing instrument in my presence, and who acknowledged to me that he executed the same of his own free will for the purposes set forth therein.

SS.

[SEAL]

Notary Public for Washington
My commission expires: 1/1/60

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RECORDED: 07/06/2000

KBR:eb 7/5/00 3382-56062 MS M\$ 147268.1	Express Mailing No. EL121365517US
,	-5 K
At Redmond, 2NA	Jonathan E. Caves
on this day of the	
STATE OF WASHINGTON)
COUNTY OF KING) ss.)
This \(\sigma \) day of \(\sigma \) 100, boton E. Caves, who executed the foregoing instrathat he executed the same of his own free ways and the foregoing instrathat he executed the same of his own free ways and the foregoing instrathat he executed the same of his own free ways and the foregoing instrathat he executed the same of his own free ways and the foregoing instrathat he executed the foregoing instration in the foregoing in the foregoing instration in the foregoing in the for	efore me personally came the above-named Jonathan ument in my presence, and who acknowledged to me vill for the purposes set forth therein.
[SEAL]	Notary Public for Washington My commission expires:
MASHINGTON	Jason Shirth
At Redmond, 3/14 (City and State)	Jason J. Shirk
on this day of hely, 300	
STATE OF WASHINGTON)
COUNTY OF KING) ss.)
This 5 day of JULY 500, be Shirk, who executed the foregoing instrume he executed the same of his own free will for	fore me personally came the above-named Jason J. nt in my presence, and who acknowledged to me that or the purposes set forth therein.
[SEAL] EME WOOD OF THE THE PROPERTY OF THE PRO	Notary Public for Washington My commission expires: 1107/2007
	ASSIGNMENT - PAGE 3 OF 3

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